

Alliance System  
User Manual



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# Chapter 1 Introduction

This chapter provides a description of the Alliance system keypads and defines their operation. Included are methods for user identification and additional operational features. The chapter also contains a description of how to arm and disarm the system, and the system alarm functions.

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## Alliance system keypads

The Alliance system remote arming stations (RAS) keypads (See *Figure 1* ) combine sophisticated design with versatility, making it the leader in its field.

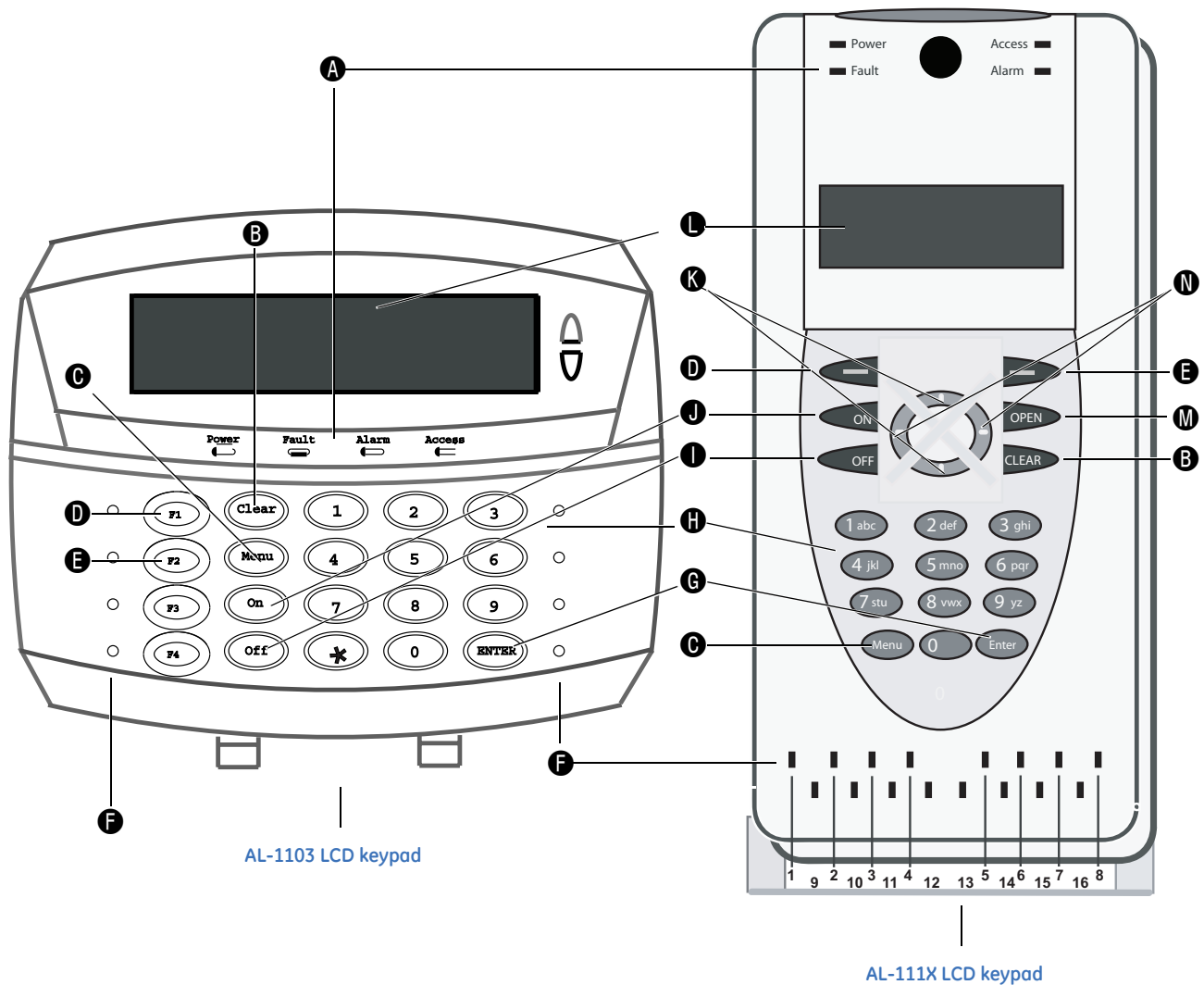
Your system has been programmed to meet your requirements. Therefore, all of the features described in this guide may not apply to your system. Depending on how the system has been programmed, some of the system features may not be authorized to all users.

This guide explains how to use the Alliance system if you are responsible for managing the system. This guide details all the procedure variations, including the different responses from the system.

The terminology used to describe the various parts of your premises or Alliance system has been programmed specifically for your requirements.

**Note:** Regularly test your system to ensure that all installed equipment is operating properly.

Figure 1. Alliance system keypads





<b>A</b>	System LEDs	Used to display system main power, system faults, and alarms.
<b>B</b>	CLEAR	Exit the current menu option and return to alarm control prompt.
<b>C</b>	MENU*	Display the menu login prompt. Backspace to correct an error. Scroll backward in the menu.
<b>D</b>	Bypass/instant	Used to bypass active zones when you arm the system and for instant arming.
<b>E</b>	STAY	Used when arming the system to autobypass the interior zones and arm all of the perimeter zones for access.
<b>F</b>	Area LED	Used to display the status of the areas.
<b>G</b>	ENTER	Used when information is to be processed (similar to the Enter key on a computer). Scroll forward in the menu.
<b>H</b>	Alphanumeric buttons	Used to enter information and codes
<b>I</b>	OFF	Used after entering your PIN code to tell the system that you want to disarm your areas.
<b>J</b>	ON/NEXT	Used after entering you PIN code to tell the system that you want to arm your areas. Display the next items in a menu list. Update the information displayed.
<b>K</b>	Up/Down buttons	Used to adjust the LCD contrast, beeper tone, and text format.
<b>L</b>	LCD display	Used to display messages.
<b>M</b>	OPEN	For future use.
<b>N</b>	Left/Right buttons	Used to scroll left and right to view the next or previous active zones that can be bypassed.

## The LCD display

Messages are displayed on the liquid crystal display (LCD) on the keypad. They guide you through the functions of the Alliance system, such as identifying problems, procedures necessary to rectify problems, programming functions, and other menu options. The display shows information you have entered on the keypad:



The first line of the display shows system information and scrolls if there are more characters than can be displayed. The second line of the display shows instructions and characters you enter on the keypad.

In some instances there can be insufficient space to display all the text being presented (e.g. a list of areas in the building).

- If a complete list is displayed on line 1, there is a full stop “.” at the end of the list.
- If the list is incomplete, the text will continue to scroll across the LCD. To jump to the beginning, press **ON/NEXT** (see *Figure 1* ) on the keypad. The display will update the information at the same time.
- If only part of a name or location is shown, it can be moved left by entering the applicable number preceding the text, and then pressing **ENTER** (see *Figure 1* ).
- Your system might display a custom message instead of the one shown above if it has been programmed to do so:

Welcome to the Alliance System

## The LEDs

The LEDs on the keypad, together with the information shown on the display, allow you to determine the system status at a glance.

### Area LEDs

One area LED in each of the possible security areas, indicates the status for that area. *Table 1* describes the area LEDs for the AL-1103 keypad.

Table 1. Area LED description AL-1103 keypad

LED Function	Description
On	The area is unoccupied and armed.
Off	The area is occupied and the security system has been set to allow normal access.
Blinking	An alarm has occurred in the area while the area was disarmed (LED flashes slow) or armed (LED flashes fast).

When the AL-111x Remote Arming Stations (RAS) cover is opened or removed and the system is armed, 16 area LEDs are visible (see *Figure 1* ). Each LED represents an area, and the indications are as shown in *Table 2*. Record the area names on a label inside the cover.

Table 2. Area LED description AL-111x keypad

Red	Area is unoccupied and armed.
Red blinking	A fault is detected, or when an alarm occurs while disarmed (LED blinks slowly) or armed (LED blinks quickly).
Green	Area is disarmed and ready to arm.
Off	The corresponding area is disarmed, but not ready to arm

## System faults

The arming station keypads display System faults (*Table 3*) if the arming station has an LCD fitted and/or system faults LEDs.

Table 3. System fault LED description

System fault	Description
Report fail (FTC)	There is a failure in the communications between the control panel and a central station.
RAS fail	A Remote Arming Station (RAS) is off-line.
DGP fail	A Data Gathering Panel (DGP) is off-line.
Battery fail	The auxiliary battery power is low.
Trouble	Indicates a trouble in the system (RAS fail, low battery, etc.).
AC fail	Indicates an AC power loss.
Line fail	Indicates a failure in the telephone line or connection between the control panel and the telephone line.

## User identification

Users are identified by user names, number, or personal identification number (PIN) codes. In addition, they are grouped according to their functions access.

### Pin codes

The Alliance system requires unique PIN codes and/or cards that allow a user do specific tasks, such as arm or disarm the system. The PIN code must be four to ten digits.

When you enter your PIN code on the keypad, each key pressed is indicated by an asterisk (\*) on the display. If you enter the wrong PIN code, or a code/card that is not valid at a particular arming station, the keypad will beep quickly seven times. Correct a wrong code by pressing **CLEAR** (see *Figure 1* ) and enter the correct code.

If you access a menu and do not use any keys for two minutes, you will automatically exit from the menu. It is a good practice to exit the menu using **0+ENTER** (see *Figure 1* ) or **CLEAR** rather than the time-out feature because if someone else uses the menu before it times out, the functions they use will be logged against your PIN code.

Users can only access the menu options that their PIN code has been authorized to access. When you try to access an option that you are not authorized to access, the message `You are not authorized to enter` displays.

### Function access

The Alliance system combines options for alarm and access control. Alarm controls monitor zone inputs and determine if an alarm should occur when an intruder is detected. Access controls monitor and control access to the premises.

The following features are used to group functions together and consequently determine which functions a user can access.:

- Alarm groups
- Door groups
- Floor groups

### Alarm groups

Alarm groups contain options available to control the alarm system and perform functions.

There are many alarm groups and each one is assigned specific areas and a specific set of functions. Your user number is assigned to an alarm group and therefore performs only the functions of that alarm group.

Time zones are allocated to each alarm group. This means that the functions of an alarm group can be further controlled by the time.

*Example:* An alarm group for managers allows access to all Alliance system user operations at all times, while an alarm group for a cleaning company only allows their cards to disarm an area for 1 hour between 17:00 and 23:00.

## Door groups

Door groups contain options available to gain access to the premises by controlling doors.

There are up to 128 door groups in your system for controlling access to doors. Each door group is allocated specific door numbers, and each door number is allotted a time zone (during which you can access the door).

Your user number is assigned to a door group and will therefore access only the doors of that door group during the specified time zone.

*Example:* A door group for a night shift worker allows their PIN code to be used to only open a door between 23:00 and 07:00.

## Floor groups

There are up to 128 floor groups in your system for controlling access to floors. Each floor group is allocated specific floor numbers, and each floor number is allotted a time zone (during which you can access the floor).

Your user number is assigned to a floor group and will therefore access only the floors of that floor group during the specified time zone.

*Example:* A floor group for a night shift worker allows their PIN code to be used to only open a floor between 23:00 and 07:00.

## Duress signal

The duress function activates a silent signal to alert security personnel. For example, if you are asked, under threat, to breach your system's security this function lets you do so while at the same time activating the system duress feature. However, your system must be programmed to use it.

The duress function requires that you use a duress digit in conjunction with your PIN code. The duress digit is the last digit of your PIN code plus one.

**Note:** Contact your central station company to ensure that they take no further action if duress was activated under conditions that are no longer valid (false alarm), and it has been reset.

*Example:* PIN = **1234** Duress digit = **5** (if the last digit of your PIN code is **9**, the duress digit is **0**)

To activate duress, do the following:

1. Enter your PIN code without the last digit (1 2 3, in the example above).

**Note:** Using your PIN code with the duress digit still activates the functions associated with the PIN code.

2. Enter the duress digit (5, in the example above).
3. Press **OFF** (see *Figure 1*) or **ON/NEXT** (see *Figure 1*) or **ENTER** (see *Figure 1*).
4. To reset the duress function (turn off the silent signal), enter a valid PIN code.

# Opening doors

Use an Alliance system keypad to open a door by entering a door code that is related to your PIN code. It varies, depending on whether your PIN code has been programmed to allow you to arm/disarm your system, as well as open doors.

## Open a door

To open a door, do the following:

- 1. The bottom line of the display shows the access code entry (*Figure 2*).
- 2. Enter your door code.

**Note:** In most systems with access control, an “alarm code prefix” is used. The alarm code prefix is the number of digits to subtract from the beginning of your full PIN code to make your door code (this is programmed by the installer).

Figure 2. Enter Access Code screen

Code :

*Example:* Prefix = 2 Full PIN code = **123456** Door code = **3456**

**Note:** A door code only opens doors programmed for that code (the door group assigned to the user might not allow access to all doors). If an invalid code is entered, or the code is not valid for the arming station, the keypad sounds seven quick beeps.

To configure the system, do the following:

- 1. Press **ENTER** (see *Figure 1*) to only open the door.
- 2. Or **OFF** (*Figure 1*) to disarm the security and open the door if your full PIN code is entered.
- 3. Or **ON/NEXT** (*Figure 1*) to arm the security and open the door if your full PIN code is entered.
- 4. If the door can only be opened for a preset time, the shunted code and passcode displays (*Figure 3*).

Figure 3. Enter Access Code screen

Shunted Zone  
Code :

If the door is closed before the end of the maximum open time, the Alliance system removes *Shunted Zone* from the display. The keypad sounds the warning buzzer for three seconds to indicate that the door is no longer shunted.

If the door is not closed at the end of the shunt time, the keypad displays *Shunting Ends*. The keypad sounds the warning buzzer for a preset time to let you close the door or re-enter your PIN code to extend the suppression time.

## Arming the system

Arm your premises, or areas in it, when they are unoccupied. If an event, such as someone forcing a door open, occurs when the system is armed, it will set off an alarm.

Once you have armed the system, you must leave the area within a preset exit time to avoid setting off an alarm. All users must be informed of this time limit.

You might not be able to arm specific areas in the premises because:

- Your keypad has been programmed to arm only specific areas in the premises. Make sure you know which keypad to use if there is more than one present in the premises.
- Your PIN code has been programmed to arm only specific areas of the premises. Make sure you know which areas you can arm.

You cannot arm an area if it has a zone input device not properly closed (such as magnetic contacts on a door or window). Before arming, make sure that all doors and windows are properly closed. The keypad sounds seven quick beeps and displays the message `Active On...` if a zone input is open.

## Arm the system

To arm the system, do the following:

1. The display must show that the system is free of alarms (*Figure 4*).
2. Enter your PIN code.
3. Press **ON/NEXT** (see *Figure 1*).
4. The result of step 3 depends on whether the system has been programmed to display a list of areas assigned to your PIN code.

Figure 4. System alarm status

There Are No Alarms In This Area  
Code:

The AL-1103 indicates successful arming by illuminating an area LED. The AL111x LED goes from green to red when the arming procedure has been successful.

## Arming conditions and options

The **Bypass/instant** key (see *Figure 1*) provides the ability to bypass active zones and arm the system in instant mode. Press the **MENU \*** (see *Figure 1*) key twice to check for active zones.

The Alliance system presents the bypass option in the following circumstances:

- The user has alarm system Arm/disarm capabilities.
- The user has access to Alliance system menu 10 bypass zone.
- One or more zones are active in the area that the user is attempting to arm. This does not apply to zone types that do not prevent arming when active.
- No other keypad is currently using the Bypass menu (bypass can only be used by one keypad at a time).



## Bypass an active zone

To **Bypass** an active zone, do the following:

1. Enter your PIN code to arm the system.
2. The LCD keypad displays a number from 1 to 256 (*Figure 5*).
3. Press the **MENU\*** key (*Figure 1*) to see the next active zone if more than one active zones exists.
4. Press the **Bypass/instant** (*Figure 1*) key once for each active zone to bypass all active zones.
5. Press the **ENTER** (*Figure 1*) key after all zones are bypassed to finish arming the system.

Figure 5. Display active zones

Active zone 5  
NEXY or BYPASS

## Instant arm the system

To instant arm the system, do the following:

1. Enter your PIN code.
2. Press **Bypass/instant** key.

Arming the system in instant mode causes the area entry timer to be ignored, and alarms can occur instantly. The system generates an alarm the instant the zone is faulted.

## STAY arm the system

Areas armed using the **STAY** key, have no exit delay. All perimeter zones are supervised without delay. To autobypass the interior zones and arm all of the perimeter zones for access, arm the system using the **STAY** key (*Figure 1*). The **STAY** mode only works when perimeter zones are programmed in the system. Arming an area using the **STAY** key eliminates exit delay.

Active Interior zones will be ignored when arming the system in **STAY** mode.

To arm the system in the **STAY** mode, do the following:

1. Enter your PIN code.
2. Press **STAY** key.

## Programmed not to display areas assigned to your PIN code

If your system has not been programmed to display the areas assigned to your PIN code, all areas that were disarmed are now automatically armed provided zone were not programmed for tamper. The display returns to that shown in *System alarm status* on page 10. The area LEDs illuminate when the arming procedure is successful.

Programmed to display areas assigned to your PIN code

If a list of the areas assigned to your PIN code is displayed, all disarmed areas are listed. For example:

0-ALL 1, Office 2, Boardroom  
Enter Area:

Table 4 lists the display options.

Table 4. Pin code display options

Option	Action
Arm all areas at once and return to the original display	Enter <b>0</b> and press <b>ENTER</b> ( <i>Figure 1</i> ).
Arm the selected area. If there are more disarmed areas, they will be displayed.	Enter area number and press <b>ENTER</b> . When finished arming, press <b>ENTER</b> again.
Exit the menu option and return to the original display. Areas already armed will stay armed.	Press <b>CLEAR</b> (see <i>Figure 1</i> ).
Display the next disarmed area in the list. You can then select an area to be armed, or continue to press <b>ON/NEXT</b> to continue scrolling.	Press <b>ON/NEXT</b> (see <i>Figure 1</i> ).

## Disarming your system

If the area you want to access is armed, you must first disarm the system before you can access the area without setting off an alarm. The illuminated (red) area LEDs on the keypad indicates which areas are armed.

On entering the area, the system will allow a preset entry time to disarm the area before an alarm occurs.

If there is an alarm condition when you are disarming the system, the alarm is reset. You must then find out what caused the alarm and fix it. See [Listing past alarm events](#) on page 21 for details on how to get a list of all the alarms that recently occurred.

You might not be able to disarm specific areas in the premises because:

- Your keypad has been programmed to disarm only specific areas in the premises. Make sure you know which keypad to use if there is more than one present in the premises.
- Your PIN code has been programmed to disarm only specific areas of the premises. Make sure you know which areas you can disarm.

## Disarm the system

If there are no alarms in the area, the display must show:

There Are No Alarms In This Area  
Code:

To disarm the system, do the following:

1. Enter your PIN code.
2. Press **OFF** (*Figure 1*).
3. The result of step 3 depends on whether the system has been programmed to display a list of the areas assigned to your PIN code.
4. When the disarming procedure has been successful the AL-1103 area LED goes off, and the AL111x LED goes from red to green. When an area is armed its LED illuminates red.

Programmed not to display areas assigned to your PIN code

All armed areas are automatically disarmed if your system has not been programmed to display the areas assigned to your PIN code and the zones were not programmed for tamper. The display returns to that shown above. When the disarming procedure has been successful the AL-1103 area LED goes off, and the AL111x LED goes from red to green.

Programmed to display areas assigned to your PIN code

If a list of the areas assigned to your PIN code is displayed, all armed areas are now listed. For example:

0-ALL 1, Office 2, Boardroom  
Enter Area:

Table 5 lists the display options.

Table 5. Disarm the system display options

Option	Action
Disarm all areas at once and return to the original display.	Enter <b>0</b> and press <b>ENTER</b> ( <i>Figure 1</i> ).
Disarm the selected area. If there are more armed areas, they will display.	Enter area number and press <b>ENTER</b> . When finished disarming, press <b>ENTER</b> again.
Exit and return to the original display. Areas already disarmed will stay disarmed.	Press <b>CLEAR</b> ( <i>see Figure 1</i> ).
Display the next armed area in the list. You can then select an area to be disarmed, or continue to press <b>ON/NEXT</b> to scroll.	Press <b>ON/NEXT</b> ( <i>see Figure 1</i> ).

## Active zones

You cannot arm an area unless all the zones in that area are normal, as an active zone would usually set off an alarm. For example, all doors and windows must be closed.

If a zone is active while you try to arm or disarm an area, the keypad sounds seven quick beeps and displays the active zones. You may have the ability to bypass active zones and arm the system. See [Arming conditions and options](#) on page 10 for details.

Active zones are listed according to system programming. If Display Zones is enabled, then one zone and its description will be displayed at the RAS. Press **ON/EXT** (see *Figure 1*) + **MENU\*** (see *Figure 1*) to see the next active zone and its description. If Display Zones is disabled, then a list of zone numbers will be displayed at the RAS. Press the zone number and press **ENTER** (see *Figure 1*) to see its description.

One at a time:

Active On 6.Front Door  
 NEXT or ENTER

List of numbers:

Active On 6, 7, 9,  
 Zone No:

Table 6 lists the display options.

Table 6. Active zone display options

Option	Action
Update the list of active zones and display the next zones in the list (if any).	Press <b>ON/NEXT</b> .
Display the zone name in full.	Enter the zone number and press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> (see <i>Figure 1</i> ).

After determining the active zones, check those zones and correct the problem. Exit this display and try to arm the system. If you are unable to close the zone, refer to [System menu option 10, Bypass zone](#) on page 38.

**Note:** After trying to correct the problem and being unable to do so, you can press the bypass key to bypass active zones.

## Types of alarms

There are three types of alarms used in the Alliance system.

- Local Alarm
- Alarm
- System Alarm

### Local alarm

Local alarms occur when an area is occupied (disarmed). For example, zones with 24-hour security have been activated such as a fire door being opened. The circumstances that caused a local alarm need to be checked and rectified by someone on site. The alarm does not need to be reported to a central station.

See [\*What to do when an alarm occurs\*](#) on page 18 for the procedure to identify, acknowledge, and reset a local alarm.

### Alarm

An alarm occurs when:

- The area is armed and one of its zones has been activated. For example, a door lock has been forced open causing a siren to sound.
- The area is disarmed and a 24-hour zone was activated. For example, a hold-up button is activated or a tamper switch is open.
- The exact type of alarm (siren, flashing light, and so forth) depends on how the system has been programmed.
- The area LEDs on the RAS indicate the areas in alarm.

See [\*What to do when an alarm occurs\*](#) on page 18 for the procedure to reset an alarm.

### System alarm

Alliance defines a system alarm as the state of a security system when an Alliance system device (control panel, RAS, or DGP) is tampered, stops communicating, or detects a fault condition such as an AC fail or a low battery.

Examples:

- Alarm equipment interfered with or covers removed (DGP tamper)
- Communications cabling interfered with – cut or shorted (DGP or RAS fail)
- Connections to siren speakers interfered with – cut or shorted (siren fail)
- Telephone line connection lost due to disconnection, short, or other failure (line fault)
- Panel failed to report a pending event to the central station (report failed FTC)
- Power supply interrupted and/or overload and battery problems (AC fail, fuse fail, low battery)

The exact type of alarm depends on how the system has been programmed.

If Latching System Alarms is enabled, then system alarms require an authorized PIN code to reset. If Latching System Alarms is disabled, then system alarms reset automatically when the alarm condition is no longer present. Your system has been programmed to respond to a system alarm in one of two ways:

1. Latching System Alarms

A PIN code, that is authorized to reset system alarms, must be entered to reset a system alarm. The procedure to identify and reset latching system alarms is the same as described for *What to do when an alarm occurs* on page 18.

2. Non-Latching System Alarms

The system alarm resets automatically as soon as the condition causing the alarm is rectified. The procedure to identify and reset latching system alarms is the same as described for *What to do when an alarm occurs* on page 18.

# What to do when an alarm occurs

When there is an alarm, the area in alarm LED flashes red on the keypad. The time and date message is no longer displayed. An area can have several zones associated with it. When there is an alarm, it is important that you know which zone is causing the problem so that you can quickly locate and fix it.

## Resetting a local alarm

The keypad emits a modulating tone until the local alarm is acknowledged (if programmed).

The LED of the area in alarm flashes red on the keypad (if programmed).

The display shows:



Table 7 lists the display options.

Table 7. RAS keypad actions for local alarms

Option	Action
Acknowledge the local alarm (see note below). Depending on programming, a user code may be required to reset.	Enter <b>0</b> and press <b>ENTER</b> (Figure 1 ).
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the list of zones and display the next zone on the list (if any).	Press <b>ON/NEXT</b> (see Figure 1 ).
Exit the menu option and return to the original display.	Press <b>CLEAR</b> (see Figure 1 ).

Local alarms for certain zone types can only be acknowledged by entering **USER CODE+ OFF+AREA+ ENTER**. These are:

- 21 Day/night with user code.
- 30 Day/night with auto reset.
- 42 Entry/exit fire door with code.
- 44 Day/night with alarm group restriction.
- 56 Day/night if no time zone 41.



To reset a local alarm, do the following:

1. Press **ENTER**, **ENTER** (see *Figure 1* ).
2. The zones causing the alarm are listed either one at a time (*Figure 6* ) or as a list (*Figure 7* ) according to system programming.

If Display Zones is enabled, then one zone and its description will be displayed at the RAS. Press **NEXT** (see *Figure 1* )+ **MENU\*** (see *Figure 1* )to see the next active zone and its description. If Display Zones is disabled, then a list of zone numbers will be displayed at the RAS. Press the zone number and press **ENTER** to see its description.

3. Press **0** and press **ENTER** to reset the local alarm.
4. The keypad displays alarm conditions (*Figure 8* ).

5. Fix the problem, for example close the door.

**Note:** If your system has been programmed to remind you about alarms, it will automatically re-alarm after a preset time unless the cause of the alarm has been fixed, no matter how many times you acknowledge the alarm. When a re-alarm does occur, the letter preceding the zone number will not be shown.

## Resetting a zone In alarm

A zone alarm occurs when:

- The LED of the area in alarm flashes red on the keypad.
- The sirens are active (if programmed).

When an alarm occurs, the display *There Are No Alarms In This Area* or the custom LCD display disappears from the top line. Instead the display will show:

Alarm On ...  
Code:

To reset a zone alarm, do the following:

1. Enter your PIN code.
2. Press **OFF** (see *Figure 1* ). The keypad displays the opening screen.

Figure 6. Zones causing alarm one at a time

Local Alarm On A4, Rear Door  
NEXT or ENTER

Figure 7. RAS display indicating no alarms

Local Alarm On A4, A5, A9, NEXT  
Zone No:

**Note:** The system installer can program a custom LCD message. The default is time and date, if the user does not want the time and date to be visible, disable the default message. After disabling it the LCD displays the message shown in *Figure 8* .

Figure 8. Zones causing alarm as a list

There Are No Alarms In This Area  
Code:

3. Enter the area number of the zone in alarm as indicated by a flashing LED and press **ENTER** (see *Figure 1* ).
4. Determine where the alarm occurred by reviewing the quick alarm history. See *List past alarm events* on page 21.
5. Fix the problem.

## Additional information about alarms

If the alarm conditions are no longer valid, and the alarm has been reset, you must contact your central station company to ensure that they take no further action.

If you are unable to reset an alarm because of a faulty zone, refer to *System menu option 10, Bypass zone* on page 38.

You can only reset an alarm for an area that is assigned to your PIN code. If you are unable to reset the alarm, ensure that the flashing area LED is for an area you can disarm with your PIN code. If not, your attempt to reset the alarm might result in your arming/disarming your system.

If you are unable to reset a system alarm because the conditions require a service technician, notify your alarm company.

The system can be programmed so that certain alarms (such as tamper alarms) require a specific action from your installer. “Engineer Reset Req” will appear on the display and a code will be shown. Give this information to your installer.

## Listing past alarm events

This list provides you with a quick alarm history. It is a fast and easy way to review where alarms have occurred. This information is useful when you have to reset an alarm without first checking its cause.

### List past alarm events

Past alarm events may be listed when the RAS displays `There Are No Alarms In This Area` or custom LCD message. To list past alarm events, do the following:

1. Press **ENTER, ENTER** (see *Figure 1* ).
2. The display shows the past alarm details (*Figure 9* ) of each alarm with the most recent alarm shown first.
  - 2a. The time the alarm occurred as hour and minutes – **HH:MM**.
  - 2b. The date the alarm occurred as day and month – **DD/MM**.
  - 2c. The type and location of the alarm.

Figure 9. Past alarm details

```
*13:23 31/10 LOCAL ALARM Zone 1.
1-Scan, 0-Exit
```

*Table 8* lists the display options.

Table 8. RAS keypad actions for past alarms

Option	Action
Scroll forward through the alarm history, one by one.	Press <b>ENTER</b> .
Scroll backward through the alarm history, one by one.	Press <b>MENU*</b> ( <i>Figure 1</i> ).
Exit and returns to the original display.	Enter <b>0</b> .
Scan the complete details for the displayed event.	Enter <b>1</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> (see <i>Figure 1</i> ).



# Chapter 2    Alliance system menu

This chapter describes the Alliance system menu options. The chapter includes description of and an operating procedure for each menu. A set of tables for recording the details of data programmed for your systems is provided.

In this chapter:

<i>Alliance system menu</i> .....	24
<i>Access a menu option</i> .....	25
<i>Programming records</i> .....	62

## Alliance system menu

The Alliance system menu has 23 user option menus available for performing various user functions. Menu 19, is reserved for the installer. Only those menu options that have been programmed to be available when your PIN code is used are displayed. Some of the functions are specific to certain installations, while others are reserved for authorized users. The manager PIN code is programmed to access a wider number of the menu options than the general user.

If you access the menu and do not use any keys for two minutes, you will automatically exit from the menu. It is a good practice to always exit from the menu using **0 ENTER** or **CLEAR** rather than the time-out feature because if anyone else uses the menu before it times out, the functions they use would be logged against your PIN code.

If you attempt to select an option that is not authorized to your PIN, the display will show the message, You Are Not Authorized To Enter.

Although you might be authorized to access a menu option, you might not be allowed to access all the information it provides. You will only be allowed to access information on the areas assigned to your PIN code.

The next sections of this guide follow the sequence of the Alliance system menu options:

1	Panel Status	13	Start Auto Disarm Test
2	Active Zones	14	Program Users
3	Zones in Alarm	15	Time and Date
4	Bypassed Zones	16	Bypass/Unbypass RAS/DGP
5	History	17	Enable/Disable Service Technician
6	Test Report	18	Reset Cameras
7	Service Menu	19	Reserved for Installer
8	Film Counters	20	Door and Floor Groups
9	List Zone Numbers	21	Holidays
10	Bypass Zone	22	Open Doors
11	Unbypass Zone	23	Unlock, Lock, Disable, and Enable Doors
12	Test Zone	24	Print History

## Access a menu option

You can access the Alliance system menu when the RAS displays There Are No Alarms In This Area or custom LCD message. The display should show:

There Are No Alarms In This Area  
Code:

To access a menu option, do the following:

1. Press **MENU\*** (*Figure 1*). The keypad displays the opening screen (*Figure 10*).

Figure 10. Menu keypad display

To Access Menu Enter Code  
Code:

2. Enter your user PIN code and press **ENTER** (*Figure 1*). The keypad displays the menu options (*Figure 11*).

Figure 11. Keypad menu options

0-Exit ENTER-Down \*-Up  
0-Exit, Menu:

Table 9 lists the display options.

Table 9. Access menu options

Option	Action
Scroll forward through the menu options, one by one.	Press <b>ENTER</b> .
Scroll backward through the menu options, one by one.	Press <b>MENU*</b> .
Jump to a specific menu number.	Enter the menu number and press <b>ENTER</b> .
Exit a menu option.	Press <b>ENTER</b> .
Exit the system menu and return to the original display in step 1.	Enter <b>0</b> and press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

**Note:** When scrolling, each menu option is displayed. For example, the display for menu 10 would show:

10-Bypass Zone  
0-Exit, Menu:

## System menu option 1, Panel status

Use this menu to list all zones that are in alarm, tamper alarm, bypassed, or active and to list any system alarms. There are other menus available that display each of these conditions separately, but this menu can be used to check on all zones that need attention. *Table 10* lists the panel status codes, the status, and their meaning. The letter that precedes the zone number indicates the status of the zone.

Table 10. Panel status menu 1 codes

Code	Zone status	Meaning
A	Alarm	An alarm has occurred at this zone and must be acknowledged and reset.
T	Tamper alarm	An alarm has occurred at this zone due to tamper or accidental damage. The alarm must be acknowledged and reset.
i	Bypassed	The zone has been excluded from functioning as part of the security system. It is probably broken or faulty.
a	Active	The zone is activated and needs to be checked and fixed if necessary to ensure security is maintained (e.g. close the door).

### List the status for all zones

To list status for all zones, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER**.
2. Enter **1** (for menu 1) and press **ENTER** (*Figure 1*).
3. The display that appears depends on the status of the zones (*Figure 12*).
4. Press **ENTER** to exit menu 1.

Figure 12. Zone status

No Alarms, Tamper, Bypasses, Active  
Press ENTER

If zones are in alarm, tamper, bypassed, or active, one of the following displays will show with a list of zones either one at a time or as a list of zone numbers.

Summary On A2, Front Door  
Contact

Or

Summary On A1, A3, T4, I5  
Zone No:

*Table 11* lists the display options.



Table 11. Panel status menu options

Option	Action
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the list of zones and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit menu 1.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

## System menu option 2, Active zones

Use this menu to list all active zones.

### List all active zones

To list status all active zones, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code and press **ENTER** (*Figure 1*).
2. Enter **1** (for menu 1) and press **ENTER**.
3. The display that appears depends on the status of the zones.
  - 3a. If no zones are active the The keypad displays no active zones (*Figure 13*).
  - 3b. If zones are active, one of the following displays will show with a list of zones either one at a time (*Figure 14*) or as a list of zone numbers (*Figure 15*).
4. Press **ENTER** to exit menu 2.

Figure 13. No active zones

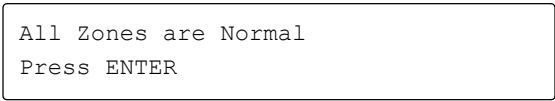


Figure 14. Active zones one at a time

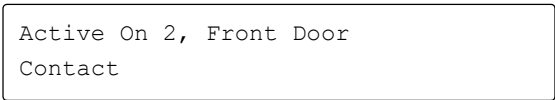


Figure 15. Active zones by number

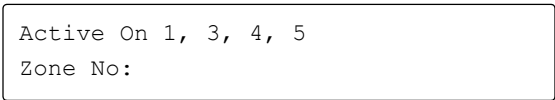


Table 12 lists the display options.

Table 12. All active zones menu options

Option	Action
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the list of zones and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit menu 2.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

### System menu option 3, Zones In alarm

Use this menu to list all zones that are in alarm.

#### List all zones in alarm

To list all zones in alarm, do the following:

1. Press **MENU\*** (Figure 1), enter your user PIN code, and press **ENTER** (Figure 1).
2. Enter **3** (for menu 3) and press **ENTER**.
3. The display that appears depends on the status of the zones.
  - 3a. If no zones are in alarm the display shows no alarms (Figure 16).
  - 3b. If zones are in alarm, the display will show either a list of zones or one at a time (Figure 17) or as a list of zone numbers (Figure 18).
4. Press **ENTER** to exit menu 3.

Figure 16. No zones in alarm

No Alarms  
Press ENTER

Figure 17. Zones in alarm listed one at a time

Alarm On 2, Front Door Contact  
NEXT or ENTER

Figure 18. Zones in alarm listed by number

Alarm On 1, 3, T4, 5  
Zone No:

Table 13 lists the display options.

Table 13. All zones in alarms menu options

Option	Action
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the zone list and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit menu 3.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

**Note:** Tamper alarms are identified with a “T” preceding the zone number.

## System menu option 4, Bypassed zones

Use this menu to list all bypassed zones. You bypass a zone to exclude it from the security system when it is broken or faulty. This keeps it from causing an alarm. Use this menu to determine which zones are not operating properly and need attention.

### List all bypassed zones

To list all bypassed zones, do the following:

1. Press **MENU\*** (Figure 1), enter your user PIN code, and press **ENTER** (Figure 1).
2. Enter **4** (for menu 4) and press **ENTER**.
3. The display that appears depends on the status of the zones.
  - 3a. If no zones are bypassed the display shows no bypassed zones (Figure 19).
  - 3b. If zones are bypassed, the display will show either a list of zones or one at a time (Figure 20) or as a list of zone numbers (Figure 21).
4. Press **ENTER** to exit menu 4.

Figure 19. No zones in alarm

No Bypassed Zones  
Press ENTER

Figure 20. Zones in alarm listed one at a time

Bypass On 2, Front Door Contact  
NEXT or ENTER

Figure 21. Zones in alarm listed by number

Bypass On 1, 3, T4, 5  
Zone No:

Table 14 lists the display options.

Table 14. Bypass zones menu options

Option	Action
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the zone list and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit menu 4.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

## System menu option 5, History

Use this menu to list past events of the system history, including alarms, access to the menu, etc. You can determine events such as the time that an alarm occurred, the time it was reset, and which user reset it. The menu displays the most recent event first.

There are two types of events listed:

**Alarm Events:** All events related to the alarm system

**Log-Only Events:** Events that are not reported to the central station but are sent to a local printer or computer instead (e.g. access granted/denied at doors).

### List past events of the system history

To list past events of the system history, do the following:

1. Press **MENU\*** (Figure 1), enter your user PIN code, and press **ENTER** (Figure 1).
2. Enter **5** (for menu 5) and press **ENTER**. The keypad displays the list events selection menu. (Figure 22).
3. Select the event list.
  - 3a. Enter **1** and press **ENTER** to list alarm events.

Or

  - 3b. Enter **2** and press **ENTER** to list log-only events (Figure 23).

Figure 22. Enter Access Code screen

```
1-Alarm Events 2-Log Only Events
Option:
```

Figure 23. Log only events

```
13:49 26/11 Menu Entered at Keypad 1
1-Scan, 0-Exit
```

As shown in the example above, the display shows:

- The time of the event in hours and minutes – HH:MM
- The date of the event as day and month – DD/MM
- The type of event such as Menu Entered.
- The location of the event such as Keypad 1.
- The user's number and name (off display).

Table 15 lists the display options.

Table 15. History system display options

Option	Action
Scroll forward through the event list one by one.	Press <b>ENTER</b> .
Scroll backward through the event list one by one.	Press <b>MENU*</b> .
Exit menu 5.	Enter <b>0</b> .
Scan the display to view all details for an event (such as user name and number).	Enter <b>1</b> .
Exit the menu option and return to the original display.	Press <b>ENTER</b> .

## System menu option 6, Test report

Use this menu to display the results of the Disarm Test or Arm Test:

**Disarm Test Report:** This test report indicates if specific zones and cameras are operating correctly. The zones need to be programmed to be included in the test, and operate when areas are disarmed. All cameras are tested.

The results of the camera tests are only displayed if the user doing the disarm test has been programmed to test cameras. The area being tested must also be assigned to the user alarm group.

**Arm Test Report:** This test indicates if specific zones are operating correctly. The zones need to be programmed to be included in the test, and operate when areas are armed.

**Note:** If a zone is displayed as untested, it could mean that it has not been tested because it was missed, or because it was faulty and could not be tested.

## Display the results of a test

To display the results of a test, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **6** (for menu 6) and press **ENTER**. The keypad displays the test results opening window (*Figure 24*).
3. Select the test report.
  - 3a. Enter **1** and press **ENTER** for Disarm Test
  - Or
  - 3b. Enter **2** and press **ENTER** for Arm Test
4. Press **ENTER** to exit this men

Figure 24. Test results opening window

```
Test Report: 1-Disarm 2-Arm
Option:
```

## Disarm test report

If you selected Disarm Test, the display will show the zone test report first, then the camera test report.

**Disarm Zone Test Report.** If all zones tested successfully the display shows:

```
No Untested Zones
Press ENTER
```

To display the disarm zone test report, do the following:

1. Press **ENTER** (*Figure 1*) to view the camera test report.
2. If untested zones are reported, the display shows a list of untested zones either one at a time (*Figure 25*) or as a list of zone numbers (*Figure 26*).

Figure 25. Untested zones listed one at a time

```
Untested Disarm On 25, Reception Hold.
```

Figure 26. Untested zones listed by number

```
Untested Disarm On 25, 26, 27
Zone No:
```

**Disarm Camera Test Report.** If all cameras tested successfully the display shows:

All Cameras Tested Successfully  
Press ENTER

To display the disarm camera test report, do the following:

1. Press **ENTER** (*Figure 1*) to exit the menu.
2. If untested cameras are reported the display shows the untested camera report (*Figure 27*).

Figure 27. Untested camera report

Untested Camera 1  
NEXT or ENTER

Table 16 lists the display options.

Table 16. Disarm test report options

Option	Action
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the zone list and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit this menu option.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

Arm test report

If you selected Arm Test, the display depends on the status of the zones.

If all zones tested successfully the display shows:

No Untested Zones  
Press ENTER

To display the arm test report, do the following:

1. Press **ENTER** (*Figure 1*) to exit the menu.
2. If untested zones are reported, the displays shows a list of untested zones either one at a time (*Figure 28*) or as a list of zone numbers (*Figure 29*).

Figure 28. Arm test report one at a time

Untested Arm On 17, Rear Door Contact  
NEXT or ENTER

Figure 29. Arm test report list of zone numbers

Untested Arm On 9, 14, 17  
Zone No:

Table 17 lists the display options.

Table 17. Arm test report options

Option	Action
Display the complete zone name.	Enter the zone number and press <b>ENTER</b> .
Update the zone list and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit this menu option.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

## System menu option 7, Service menu, menu

Use this menu to request a service call or to establish a connection to a remote service center in order to program over the telephone network. Table 18 lists the six options available.

Table 18. Available service menu options

Option	Option Name	Description
1	Request Service Technician	Sends a request for a service technician to the central station. (Not available in all reporting formats.)
2	Disconnect Management Software	Terminates the connection to management software.
3	Dial Management Software	The control panel dials the programmed service telephone number and attempts to connect to the remote service modem in order to allow programming changes to be made over the telephone network. If it fails on the first try, it will not redial. The panel automatically drops the line if there have been no keys pressed by the remote service operator within two minutes.
4	Dial Temporary Management Software	Allows a temporary telephone number to be programmed and dialed for the remote computer/RAS connection.
5	Direct (via J18) Management Software	The control panel establishes a temporary direct connection to a PC connected to the serial port (J18) on the motherboard. This is a Service Technician option only.
6	Answer Management Software	Instructs the control panel to answer a current dial-in attempt immediately.

## Request the service menu

To request the service menu, do the following:

1. Press **MENU\*** (Figure 1), enter your user PIN code, and press **ENTER** (Figure 1).
2. Enter **7** (for menu 7) and press **ENTER**. The keypad displays the request service opening window (Figure 30).

Figure 30. Request service opening window

Code Required  
Code:



3. Enter your PIN code and press **ENTER**. The keypad displays the request service options window (*Figure 31*).
4. Enter the service option number required (See *Table 18*) and press **ENTER**.

---

*Figure 31. Request service options*

1 - Request Service Technician  
0-Exit, Menu:

In the following cases this will bring up another display for more information to be entered.

- Request Service Technician
- Dial Management Software
- Dial Temporary Management Software

### Request service technician

To request service technician, do the following:

1. Enter **1** and press **ENTER** (*Figure 1*). The keypad displays the request service technician window (*Figure 32*). The control panel then sends a “Service Requested” message to the central station.
2. Enter **1** and press **ENTER** to confirm the request for service technician.  
Or
3. Enter **0** and press **ENTER** to return to the menu.
4. Press **ENTER** to return to the menu.

---

*Figure 32. request service technician*

1-Confirm Request Service Technician  
0-Exit, Menu:

### Dial management software

To dial management software, do the following:

1. Enter **3** and press **ENTER** (*Figure 1*). The keypad displays the dial management software window (*Figure 33*).
  - 1a. Enter **1** and press **ENTER** to confirm that the control panel dials the management software.  
Or
  - 1b. Enter **0** and press **ENTER** to return to the menu.
2. Press **ENTER** to return to the menu

---

*Figure 33. Dial management software*

1-Confirm Dial  
0-Exit, Menu:

## Dial temporary management software

This option allows a temporary telephone number to be programmed and dialed by the system. To dial temporary management software, do the following:

1. Enter **4** and press **ENTER**. The keypad displays the dial temporary management software window (*Figure 34*).
2. Enter the temporary service telephone number (up to 10 digits) and press **ENTER**.  
And/Or
3. Press **ENTER** to save the displayed telephone number.

**Note:** If this option is used to make the connection to the remote computer, the computer operator will not be required to use the security password to gain access to the control panel.

Figure 34. Dial temporary management software

```
"*" Pause, Ph No:
Serv No:
```

## System menu option 8, Film counters

Use this menu to display the current frame number position on each of the security camera films. Up to eight cameras can be displayed. If you maintain a log on film counts, it will indicate whether the cameras have operated since they were last checked.

**Note:** If a camera is fitted with a film-out detector and that camera does not have film in it, the frame count will be displayed as OUT. OUT is removed when film is loaded.

### Display the current frame number on the security camera film

To display the current frame number on the security camera film, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **8** (for menu 8) and press **ENTER**. The keypad displays the security camera current frame number window (*Figure 35*).
3. Press **ENTER** to move the film count display for cameras 5 to 8. The keypad displays the film count (*Figure 36*).

**Note:** A camera position that does not have a camera fitted will display the frame count as ----.

4. Press **ENTER** to return to the menu.

**Note:** A frame count can be from 0 to 9999.

Figure 35. Security camera frame number

```
Film Counts 1: 0123 2:1077 3:0056 4:----
Press ENTER
```

Figure 36. Film count display

```
Film Counts 5:---- 6:---- 7:---- 8:----
0-Exit, Menu:
```

## System menu option 9, List zone names

Use this menu to display zone names (text that describes the zones) in your system.

### List zone names

To list zone names, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **9** (for menu 9) and press **ENTER**.
3. The keypad displays the zone names with a list of zones either one at a time (*Figure 37*) or as a list of zone numbers (*Figure 38*).

---

Figure 37. Zone names displayed one at a time

Zone 1, Rear Door  
Zone No:

---

Figure 38. Zone names displayed as a list of numbers

Zone 1, 2, 3, 4, 5, 6, 7  
Zone No:

Table 19 lists the zone name display options.

Table 19. Zone name display options

Option	Action
Display the remaining zones in the list (if any).	Enter the zone number and press <b>ENTER</b> .
Scroll the list one by one.	Press <b>ON/NEXT</b> .
Exit menu 9.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

### System menu option 10, Bypass zone

Use this menu to bypass zones and exclude them from the security system. A zone is bypassed when it is faulty or broken. By bypassing it, you prevent it causing an alarm until it is fixed. You can also bypass normal zones if you know their zone numbers.

**Note:** A bypassed zone is by default bypassed only until the next disarm of the area to which it belongs.

#### Bypass a zone

To bypass a zone, do the following:

1. Press **MENU\*** (Figure 1), enter your user PIN code, and press **ENTER** (Figure 1).
2. Enter **10** (for menu 10) and press **ENTER**.
3. The display that appears depends on the status of the zones.
  - 3a. If no zones are active the display shows all zones are normal (Figure 39).
  - 3b. If the zones are active the display shows either a list of zones or one at a time (Figure 40) or as a list of zone numbers (Figure 41).
4. Press **ENTER** to exit menu 4.

**Note:** If the active zones are shown as a list of numbers, it is not possible to display the name of the zone.

Figure 39. All zones are normal

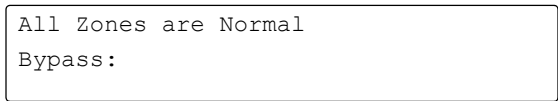


Figure 40. Active zones listed one at a time

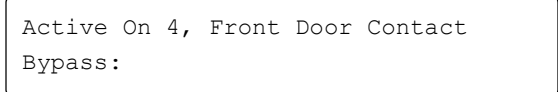


Figure 41. Active zones listed by number

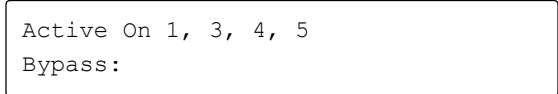


Table 20 lists the bypass zone display options.

Table 20. Bypass zone display options

Option	Action
Bypass the selected zone. This removes the zone from the display and replaces it with the next active zone in the list	Enter the zone number and press <b>ENTER</b> .
Update the list of active zones and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit menu 10.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

**Note:** If an attempt is made to bypass a zone that is already bypassed, the request appears as if it is processed, but it is not logged in the history and the zone remains bypassed. As soon a zone that is in alarm is bypassed, the alarm is reset.

## System menu option 11, Unbypass zone

Use this menu to unbypass zones and include them in the security system. Do not unbypass a zone before checking the circumstances, as unbypassing an active zone might cause an alarm.

### Unbypass a zone

To unbypass a zone, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **11** (for menu 10) and press **ENTER**.
3. The display that appears depends on the status of the zones.
  - 3a. If no zones are bypassed the display shows all zones are normal (*Figure 42*).
  - 3b. If the zones are unbypassed the display shows either a list of zones or one at a time (*Figure 43*) or as a list of zone numbers (*Figure 44*).
4. Press **ENTER** to exit menu 11.

Figure 42. All zones are bypassed

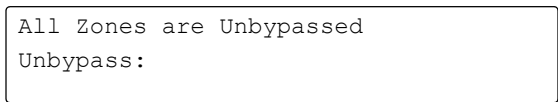


Figure 43. Bypassed zones listed one at a time

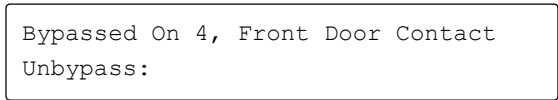


Figure 44. Bypassed zones listed by number

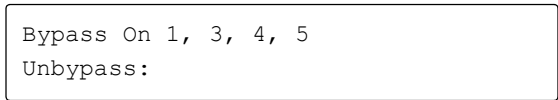


Table 21 lists the unbypassed zone display options.

Table 21. Unbypassed zone options

Option	Action
Unbypass the selected zone. This removes the zone from the display and replaces it with the next bypassed zone in the list.	Enter the zone number and press <b>ENTER</b> .
Update the list of bypassed zones and display the next zone on the list (if any).	Press <b>ON/NEXT</b> .
Exit menu 11.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

## System menu option 12, Test zone

Use this menu to test if an individual zone is operating correctly.

**Note:** The test must be carried out within a predetermined time. If the test is not completed within this time, the option is exited.

### Test a zone

To test a zone, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **12** (for menu 12) and press **ENTER**. The display shows the test a zone window (*Figure 45*).

**Note:** If the zone is bypassed when a test is requested, the system unbypasses the zone, conducts the test, then returns the zone to bypassed.

3. Enter the zone number for one of the following four responses and press **ENTER**.
  - 3a. The zone is normal (*Figure 46*).

3b. The zone is active (*Figure 47*).

3c. There is a faulty condition due to cable tamper. The cabling to the zone shows an OPEN circuit (*Figure 48*).

Figure 45. Test a zone

```
Test Individual Zone:
Zone No:
```

Figure 46. Normal test zone

```
NORMAL STATE on 12, Roller Door
Press ENTER
```

Figure 47. Active test zone

```
ACTIVE on 12, Roller Door
Press ENTER
```

Figure 48. Cable tampering, open

```
OPEN on 12, Roller Door
Press ENTER
```

3d. There is a faulty condition due to cable tamper. The cabling to the zone shows a SHORT circuit (*Figure 49*).

**Note:** Steps 2c and 2d are for dual zone operation only. If a zone is active, open, or short the keypad emits a continuous tone. When the status of the zone is changed to normal, the display is updated and the tone stops.

4. Press **ENTER** to exit and return to the menu option display.

Figure 49. Cable tampering, short

```
SHORT on 12, Roller Door
Press ENTER
```

## System menu option 13, Start auto disarm test

Use this menu to start the disarm test.

### Start the auto disarm test

To start the auto disarm test, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **13** (for menu 13) and press **ENTER**. The display shows the start auto disarm test window.
3. Press **ON/NEXT** (*Figure 1*) to display the untested zones.

Or

Enter **0** and press **ENTER** to cancel the disarm test and move to the test completed/not completed displays.

4. If you pressed **ON/NEXT** the untested zones will be displayed either one at a time (*Figure 50*) or as a list. If you pressed **ON/NEXT** the untested zones will be displayed either one at a time (*Figure 50*) or as a list (*Figure 51*).

Figure 50. Untested auto disarm test one at a time

```
Untested Disarm On 4, PIR in Office
NEXT or ENTER
```

Figure 51. Untested auto disarm as a list

```
Untested On 1, 2, 4
Zone No:
```

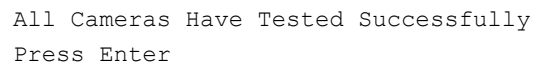


The display may show information about cameras (*Figure 52*).

5. Press **ENTER** to return to the original display.
6. The testing automatically stops when All zones that are programmed to be tested during disarm test have been tested, or the time allowed for the disarm test has expired.
7. Verify that the display indicates that the test is completed. (*Figure 53*) or not (*Figure 54*).
8. Press **ENTER** to exit menu 13.

---


*Figure 52. Displayed camera information*



```
All Cameras Have Tested Successfully
Press Enter
```

---

*Figure 53. Test complete*



```
Test Completed
Press ENTER
```

---

*Figure 54. Test not complete*



```
Test Not Completed
Press ENTER
```

Table 22 lists the Start auto disarm test options.

Table 22. Auto disarm test options

Option	Action
Display the description of the selected zone (when displayed as a list of numbers).	Enter the zone number and press <b>ENTER</b> .
Display the remaining untested zones (if any). Move to the test completed/not completed displays, if there are not more untested zones to display.	Press <b>ON/NEXT</b> .
Move to the camera test or test completed/not completed display.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

**Note:** Untested zones must be manually tested (see [System menu option 12, Test zone](#) on page 41) to verify their operation.

## System menu option 14, Program users

Use this menu to delete, display, or create a user record.

Your system may be programmed to require two authorized users to enter this menu. Also, your assigned alarm group might not allow you to program PIN codes. If it does allow you to use this function, there might still be restrictions on which alarm groups you are allowed to assign or edit.

The user record includes the following details about the user:

- User name
- Alarm group, which determines the user's areas and alarm control functions.
- Door group, which determines the doors to which the user has access.
- Floor group, which determines the floors to which the user has access.
- Name (some users only).
- PIN code (some users only).

The maximum quantity of users that can be programmed for an Alliance panel depends on the panel's memory configuration. In addition to the total number of users, the panel's memory configuration also affects the quantity of users with names and PIN codes. Contact your system installer for details of your system's configuration.

The system's capabilities are as follows:

- |                                  |                         |
|----------------------------------|-------------------------|
| • No memory expansion:           | 50 Users                |
| • No memory expansion with SIUM: | 50 Users (see note)     |
| • 1 MB expanded memory:          | 11,466 Users            |
| • 1 MB with SIUM:                | 2000 Users (see note)   |
| • 4 MB IUM:                      | 17,873 Users (see note) |
| • 8 MB IUM:                      | 65,535 Users (see note) |

**Note:** Software and Expanded intelligent user memory (IUM) have extended capabilities and options. Contact your system installer for details.

## To program a user if two users are required


To program a user if two users are required, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **14** (for menu 14) and press **ENTER**. If your system requires two users to access this menu, the keypad displays the window shown in *Figure 55*.
3. Enter the second user's PIN code and Press **ENTER**.
4. Select the function you want to perform and press **ENTER** (*Figure 56*).

or

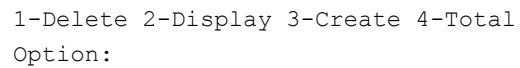
Press **ENTER** to return to the menu.

Figure 55. Second user access code



Enter Second Code  
Code:

Figure 56. Two user option



1-Delete 2-Display 3-Create 4-Total  
Option:

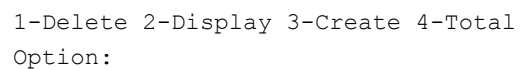
## Delete a user

To delete a user, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **14** (for menu 14) and press **ENTER**. The keypad displays the delete a user window (*Figure 57*).
3. Enter **1** and press **ENTER** to delete a user.
4. Enter the system user number and press **ENTER** (*Figure 58*). This will delete the user.
5. Repeat step 2 to delete other users, or press **ENTER** to exit and return to the option menu.


**Note:** You cannot delete a user unless your alarm group authorizes you to do so.

Figure 57. Select delete a user



1-Delete 2-Display 3-Create 4-Total  
Option:

Figure 58. User number entry



Delete User  
Code No:

## Display a user

To display a user, do the following:

1. Press **MENU\*** *Figure 1*), enter your user PIN code, and press **ENTER** *Figure 1*).
2. Enter **14** (for menu 14) and press **ENTER**. The keypad displays the display user window (*Figure 59*).
3. Enter **2** and press **ENTER** to display a user (*Figure 60*).
4. Enter the system user number and press **ENTER**. The display shows the user's alarm group (*Figure 61*).
5. Press **ENTER**. The display shows the user's door group (*Figure 62*).
6. Press **ENTER**. The display shows the user's floor group (*Figure 63*).
7. Press **ENTER**.
8. If your system is programmed to assign special user flags to users, the display will now show the user flags in sequence. See [Create or change a user](#) on page 47 for user flag details.
9. Press **ENTER** to display the card ID number (*Figure 64*).
10. Press **ENTER** to return to step 1.

Figure 59. Display user

```
1-Delete 2-Display 3-Create
Option:.
```

Figure 60. User display number

```
Display User
Code No:
```

Figure 61. Display user alarm group

```
*View, Alm Grp:12,Foreman
Press ENTER
```

Figure 62. Display user door group

```
Door Group:2
Press ENTER
```

Figure 63. Display user floor group

```
Floor Group:1
Press ENTER
```

Figure 64. Display user card ID

```
Card ID:2
Press ENTER
```

## Create or change a user

To create or change a user, do the following:

1. Press **MENU\*** *Figure 1*), enter your user PIN code, and press **ENTER** *Figure 1*).
2. Enter **14** (for menu 14) and press **ENTER**. The keypad displays the create or change a user window (*Figure 65*).
3. Enter **3** and press **ENTER** to create a user (*Figure 66*).
4. Enter the system user number (card number) and press **ENTER**. The display shows the user's alarm group (*Figure 67*).

**Note:** You cannot assign an alarm group to a user unless the alarm group has the option "Can This Alarm Group Be Assigned to Users" set to YES, and your alarm group has all the "Areas" and "User Menu Options" of the alarm group you wish to assign. If the alarm group you wish to assign has "Alarm System Control" and "Modem Access" set to YES, then your alarm group must also have these options set to YES.

5. The next display shows the user's door group (*Figure 68*).

Card users must always have a valid door group assigned in order to perform alarm control or door functions.

6. Enter the door group number to be assigned to the user and press **ENTER**.
7. The next display shows the user's floor group (*Figure 69*).
8. Press **ENTER** to move to the next display.

Figure 65. Create or change a user

1-Delete 2-Display 3-Create 4-Total  
Option:

Figure 66. Create a user

Create User  
User No:

Figure 67. User alarm group

\*-View, Alm Grp:1-No Access  
Alarm Group:

Figure 68. User group door number

Door Group: 0  
Door Group:

Figure 69. User floor group

Floor Group: 0  
Floor Group:

9. If the user number that you are programming is higher than 1000, and user flags are not displayed in your system, then all the options available have been programmed and the display will return to step 1.
10. If the system has been programmed so that users do not have name files, or if you are programming a user higher than 200 and user flags are not displayed, see [Entering a user pin code](#) on page 51. With file names, see [Entering a user name](#) on page 49.
11. If your system is programmed to assign special user flags to the users, they display in sequence.
12. If the user number that you are programming is higher than 1000, then all options available have been programmed and the display returns to step 1.

**Note:** You cannot program a user number that already exists.

*Table 23* lists the create or change user options.

*Table 23. Create or change a user options*

Option	Action
Select the number of the alarm group to be issued to this user.	Enter the alarm group number and press <b>ENTER</b> .
Display the list of alarm groups that you can issue a user (if any).	Press <b>MENU*</b> .
Move to the next display.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

*Table 24* lists the start auto disarm test options for each user flag display.

*Table 24. Start auto disarm test options for each user flag display.*

Option	Action
Change YES to NO, or NO to YES, and display the new setting.	Press <b>MENU*</b> .
Save the displayed setting and move to the next user flag display.	Press <b>ENTER</b> .
Save the displayed setting, skip the remaining user flags, and move to the next step.	Enter <b>0</b> and press <b>ENTER</b> .
Exit the menu option from <i>Table 25</i> , and return to the original display.	Press <b>CLEAR</b> .

Table 25. Disarm test menu options.

Option	Description	Display
Two Cards	If set to YES, the user will always require a second valid user code/card to be entered to perform any alarm or access control functions at doors 17 to 64.	YES - Two Cards *-Change, 0-Skip
Guard	If set to YES, the user's code/card can only perform functions at doors 17 to 64 when used in conjunction with a "Visitor" code/card	YES - Guard *-Change, 0-Skip
Visitor	If set to YES, the user's code/card can only perform functions at doors 17 to 64 when used in conjunction with a "Guard" code/card.	YES - Visitor *-Change, 0-Skip
Trace User	If set to YES, all alarm and access functions performed by the user at doors 17 to 64, will leave a "Trace" message to be sent to the management computer.	YES - Trace User *-Change, 0-Skip
Card Only	If set to YES, the user will not be able to use a PIN code.	YES - Card Only *-Change, 0-Skip
Privileged	If set to YES, the user's code/card will over-ride any "Anti-Passback" restrictions on doors 17 to 64.	YES - Privileged *-Change, 0-Skip
Extended Access	If set to YES, the user will be allowed extended door access times at doors 17 to 64 (e.g. to allow the door to remain open longer for disabled access).	YES - Extended Access *-Change, 0-Skip

## Entering a user name

Systems not programmed for user flags, or those with user numbers less than 200, display the user's name as follows:

Your Name is Ann Brown, (\*)-End  
Ann Brown

**Note:** You cannot create a user unless your alarm group authorizes you to do so.

To enter a user name, do the following:

1. Press **ENTER** *Figure 1*). The keypad displays the enter user name window (*Figure 70*).
2. Use the text option on the keypad to enter a 16-characters user name.
3. Enter each letter of the user's name followed by **ENTER**.
4. Move the cursor to the position after the name and press **ENTER**.
5. When the name is entered, press **MENU\*** to save the displayed setting. If the name has been changed, only letters preceding the cursor are saved.

Figure 70. Enter user name

Your Name is, (\*)-End

Keys 1 to 9 have alphabetical characters printed above them. Press the key the number of times relative to the position of the letter as shown in *Table 26*. For example, pressing Key 1 the first time produces an upper case *A*. Both upper and lower case letters are available as well as numerical values.


Table 26. User name character codes

Key	Key press to get character						
	1 <sup>ST</sup>	2 <sup>ND</sup>	3 <sup>RD</sup>	4 <sup>TH</sup>	5 <sup>TH</sup>	6 <sup>TH</sup>	7 <sup>TH</sup>
1	A	B	C	1	a	b	c
2	D	E	F	2	d	e	f
3	G	H	I	3	g	h	i
4	J	K	L	4	j	k	l
5	M	N	O	5	m	n	o
6	P	Q	R	6	p	q	r
7	S	T	U	7	s	t	u
8	V	W	X	8	v	w	x
9	Y	Z	sp	9	y	z	sp
0	.	,	?	!	:	;	-
Key	8 <sup>TH</sup>	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>	13 <sup>TH</sup>	14 <sup>TH</sup>
0	+	#	*	(	)	'	"
Key	15 <sup>TH</sup>	16 <sup>TH</sup>	17 <sup>TH</sup>	18 <sup>TH</sup>	19 <sup>TH</sup>	20 <sup>TH</sup>	21 <sup>TH</sup>
0	_	@	&	\$		%	/
Key	22 <sup>ND</sup>	23 <sup>RD</sup>					
0	<	>					



## Entering a user pin code

The display shows the user's PIN code if the user number is 1000 or less. This feature must be programmed by the installer to authorize access.



PIN Code: 1234  
Press ENTER:

**Note:** You cannot program a PIN code that already exists, one that will conflict with another user's duress code (refer to Section 4, Duress Signal), or one that conflicts with another user's door code (See [System menu option 22, Open doors](#) on page 59).

To enter a user pin code, do the following:


1. Press **ENTER** (*Figure 1*). The keypad displays the enter a user pin code window (*Figure 71*).
2. Enter the PIN code for the user and press **ENTER**.

**Note:** A user, who is allowed to both open doors and arm/disarm the system, should have a PIN code of at least five digits. See [System menu option 22, Open doors](#) on page 59.

3. Enter the PIN code again (*Figure 72*) to confirm and press **ENTER**.


**Note:** Update your "User" list when changes are made.

Figure 71. Enter user pin code



PIN Code:  
Code:

Figure 72. Confirm user pin code



Confirm PIN Code  
Code:

## System menu option 15, Time and date

Use this menu to program a new time and date. The time and date are visible during normal use of the Alliance system and all internal functions rely on them.

A new date or time only needs to be programmed when the Alliance system is first installed, or if the time needs to be adjusted for daylight saving time.

## Program a new time and date

To program a new time and date, do the following:

1. Press **MENU**\*(*Figure 1*), enter your user PIN code and press **ENTER** (*Figure 1*).
2. Enter **15** (for menu 15) and press **ENTER**. The keypad displays the enter new date and time window (*Figure 73*).
3. Enter **2** and press **ENTER** to set the time.

The display will show the current time and date information held by the system.

4. Enter the correct hour (2 digits) and press **ENTER** (*Figure 74*).
5. Enter the correct minutes (2 digits) and press **ENTER** (*Figure 75*).
6. Enter the correct seconds (2 digits) and press **ENTER** (*Figure 76*).
7. Enter the correct day (2 digits) and press **ENTER** (*Figure 77*).
8. Enter the correct month (2 digits) and press **ENTER** (*Figure 78*).

Figure 73. Program new date and time

```
Time 1-Display, 2-Set, 3-DST, 4-Adjust
0-Exit, Menu:
```

Figure 74. Enter correct hours

```
Time&Date hh:mm:ss dd/mm/yy Xxx..
Hours:
```

Figure 75. Enter correct minutes

```
Time&Date hh:mm:ss dd/mm/yy Xxx..
Minutes:
```

Figure 76. Enter correct seconds

```
Time&Date hh:mm:ss dd/mm/yy Xxx..
Seconds:
```

Figure 77. Enter correct day

```
Time&Date hh:mm:ss dd/mm/yy Xxx..
Day:
```

Figure 78. Enter correct month

```
Time&Date hh:mm:ss dd/mm/yy Xxx..
Month:
```

9. Enter the correct year (2 digits) (*Figure 79*). and press **ENTER**.

**Note:** You cannot skip any options. Press **ENTER** on each value that does not need to be changed, until you return to the original display.

Figure 79. Enter correct year

```
Time&Date hh:mm:ss dd/mm/yy Xxx..  
Year:
```

## Change to daylight saving time (DST)

To change to daylight saving time, do the following:

1. Press **MENU\*** (*Figure 1*) and enter your user PIN code and press **ENTER** (*Figure 1*).
2. Enter **15** (for menu 15) and press **ENTER**. The keypad displays the change to daylight savings time window (*Figure 80*).
3. Enter **3** and press **ENTER** to change the DST.
4. The display shows the date the time changes to DST (*Figure 81*).
5. Enter one of the following:
  - **0** = no DST
  - **1** = DST starts on first Sunday of the month
  - **2** = DST starts on the second Sunday of the month
  - **3** = DST starts on the third Sunday of the month
  - **4** = DST starts on the fourth Sunday of the month
  - **5** = DST starts on the last Sunday of the month
6. Press **ENTER, ENTER**.
7. The display shows the month to start DST (*Figure 82*).
8. Enter the month to start DST (2 digits) and press **ENTER, ENTER**.

Figure 80. Change to daylight savings time

```
Time 1-Display, 2-Set, 3-DST, 4-Adjust  
0-Exit, Menu:
```

Figure 81. The date time changes to DST

```
0-Disable, Month 00  
Start Sunday
```

Figure 82. DST start month

```
5-Last Sunday, Month 00  
Start Month:
```

9. The display shows the day to start DST (*Figure 83*).
10. Enter one of the following:
  - **1** = DST ends on first Sunday of the month
  - **2** = DST ends on the second Sunday of the month
  - **3** = DST ends on the third Sunday of the month
  - **4** = DST ends on the fourth Sunday of the month
  - **5** = DST ends on the last Sunday of the month
11. Press **ENTER, ENTER**
12. The display shows the end month DST (*Figure 84*).
13. Enter the month to end DST (2 digits)
14. Press **ENTER, ENTER**.

*Figure 83. DST start day*

5-Last Sunday, Month 00  
End Day:

*Figure 84. DST end month*

5-Last Sunday, Month 00  
End Month:

## Adjust the internal clock for correct timings

To adjust the internal clock for correct timings, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*). The keypad displays the adjust internal clock window (*Figure 85*).
2. Enter **15** (for menu 15) and press **ENTER**.
3. Enter **4** and press **ENTER** to change the daily adjustment (*Figure 86*).
4. Press **MENU\*** to change between + (add) and – (subtract).
5. Enter the correct number of seconds to add or subtract.
6. Press **ENTER** to accept the display.

*Figure 85. Adjust internal clock*

Time 1-Display, 2-Set, 3-DST, 4-Adjust  
0-Exit, Menu:

*Figure 86. Daily clock adjustment*

Daily Adjustment (Sec): +0  
\*-Change, Sec:

## System menu option 16, Bypass/unbypass RAS/DGP

Use this menu to bypass Remote Arming Stations (RAS) and Data Gathering Panels (DGP). Fault, tamper, and system alarm messages from bypassed RAS or DGP are excluded from the security system.

Use this menu if a RAS or DGP has generated a system alarm, or is out of service, and needs to be bypassed while awaiting service.

### Bypass/Unbypass RAS/DGP

To Bypass/Unbypass RAS/DGP, do the following:

1. Press **MENU\*** *Figure 1*), enter your user PIN code, and press **ENTER** *Figure 1*). The keypad displays the Bypass/Unbypass RAS/DGP window (*Figure 87*).
2. Enter **16** (for menu 16) and press **ENTER**.

3. Enter **1** for RAS (*Figure 88*) and **2** for DGP (*Figure 89*) and press **ENTER**

**Note:** Bypassing a DGP does NOT bypass the alarm zones on that DGP, but does disable DGP off-line/on-line reporting (tamper switch).

**Note:** Bypassing a RAS or DGP also resets any system alarms generated by the RAS or DGP

4. Enter the RAS/DGP number to be bypassed and press **ENTER**.

If the number entered is not recorded, it is added and displayed (bypassed).

If the number entered is already recorded, it is deleted and removed from the display (unbypassed).

5. Press **ENTER** to exit this menu.

Figure 87. Enter Access Code screen

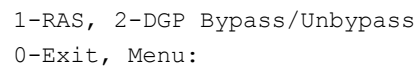


Figure 88. Bypass/Unbypass RAS

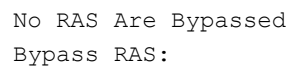
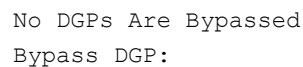


Figure 89. Bypass/Unbypass DGP



## System menu option 17, Enable/disable service technician

Use this menu to enable and disable the service technician’s code. This menu is to be used when a service technician or engineer can only gain access to the installer programming menu when this option has been enabled.

### Enable/disable the service technician code

To enable/disable the service technician code, do the following:

1. Press **MENU\*** *Figure 1*), enter your user PIN code, and press **ENTER** *Figure 1*).
2. Enter **17** and press **ENTER**. The keypad displays the enable/disable the service technician code opening screen (*Figure 90*).
3. Enter one of the options listed in *Table 27*.

Figure 90. Enable/disable service technician code

0-Cancel, 1-Service in  
Option:

Table 27. Enable/disable the service technician code options

Enable the service technician’s code for the programmed time period, and exit this menu option.	Enter <b>1</b> and press <b>ENTER</b> .
Cancel the service technician’s code, and exit this menu option.	Enter <b>0</b> and press <b>ENTER</b> .
Exit this menu option.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

## System menu option 18, Reset cameras

Use this menu to reset the film frame count to zero for all camera or change the film frame count on an individual camera.

### Reset the film frame count

To reset the film frame count, do the following:

1. Press **MENU\*** *Figure 1*).
2. Enter your user PIN code and press **ENTER** *Figure 1*).
3. Enter **18** and press **ENTER**. The keypad displays the reset camera opening screen (*Figure 91*).

Figure 91. Reset camera opening screen

Reset Camera Counts 0-All  
Camera No:

- If you have entered an individual camera number, the keypad displays the film count (Figure 92).
- Enter the new frame count number and press **ENTER** to change the film count and return to the original display.
- Table 28 lists the reset camera options.

Figure 92. Display film count

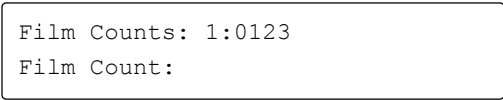


Table 28. Reset camera options

Option	Action
Reset the frame count for all cameras to zero.	Enter <b>0</b> and press <b>ENTER</b> .
Display the frame count of an individual camera.	Enter the camera number and press <b>ENTER</b> .
Exit this menu option.	Press <b>MENU*</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

## System menu option 20, Door and floor groups

Use this menu to select and program door and floor groups.

Each door group contains a list of all doors (64 doors) and the time zone for each door within the group. Authorized access is only valid during the time zone.

### Program door groups

To program door groups, do the following:

- Press **MENU\*** (Figure 1).
- Enter your user PIN code, and press **ENTER** (Figure 1).
- Enter **20** and press **ENTER**. The keypad displays the program doors groups opening window (Figure 93).
- Enter **1** and press **ENTER**. The keypad displays the program doors groups opening window (Figure 94).

Figure 93. Program door groups opening screen

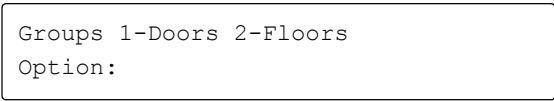


Figure 94. Enter door group number



5. Enter the door group number and press **ENTER**. The keypad displays the enter door number window (*Figure 95*).

Figure 95. Enter door number

Door Grp 1 D1-00 D2-00 D3-\*\*  
Enter Door:

6. Enter the door number and press **ENTER**. The display shows the details of four doors, starting with the door number selected (*Figure 96*).

Figure 96. Door detail display

Door Grp 1-D3-\*\* D4-\*\* D5-03 D6-00  
\*-Dis, TZ-D3:

Table 29 list the program door options.

Table 29. Program door options

Disable the door for this door group.	Press <b>MENU*</b> .
Enter the time zone number and return to step 3.	Enter the time zone number and press <b>ENTER</b> .
Return to step 3.	Press <b>ENTER</b> .
Exit the menu option and return to the original display.	Press <b>CLEAR</b> .

**Note:** Update your door group list when any changes are made.

## System menu option 21, Holidays

Use this menu to record the date of holidays. The holidays recorded can be used in conjunction with time zones to control access. For example staff allowed access during normal weekdays can be denied access on weekdays declared a holiday. The control panel can record up to 24 holiday dates.

### Record a holiday

To record a holiday, do the following:


1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **21** (for menu 21) and press **ENTER**. The keypad displays the opening screen (*Figure 97*).

Figure 97. Record a holiday opening screen

Holidays  
Holiday No:

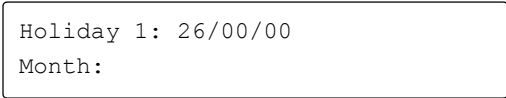


3. Enter the holiday number and press **ENTER**. The display shows the holiday number and the date numerically (*Figure 98*).

*Figure 98. Record a holiday, holiday number*

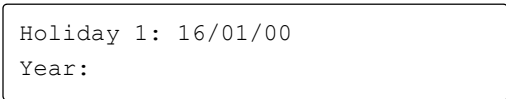
Holiday 1: 00/00/00  
Day of Month:

4. Enter the new day of the month (2 digits) for this holiday number, or press **MENU\*** to scroll through the list of holidays. When finished, press **ENTER**. The display shows the new day of the month (*Figure 99*).

*Figure 99. Record a holiday, enter new day of month*

Holiday 1: 26/00/00  
Month:

5. Enter the new month (2 digits) and press **ENTER**. The display shows the new month (*Figure 100*).
6. Enter the new year (2 digits) and press **ENTER**. The display returns to step 3 to input a new holiday. Press **ENTER** again to exit the menu option.

*Figure 100. Record a holiday, new month*

Holiday 1: 16/01/00  
Year:

**Note:** Always remember to update your holidays list when any changes are made.


## System menu option 22, Open doors

Use this menu to open a valid door via the LCD remote arming station (RAS).

### Open a door via the remote arming station (RAS)

To open a door a door via the remote arming station, do the following:

1. Press **MENU\*** (*Figure 1*), enter your user PIN code, and press **ENTER** (*Figure 1*).
2. Enter **22** and press **ENTER**. The keypad displays the opening screen (*Figure 101*).
3. Enter the number of the door you want to open and press **ENTER**.
4. Press **ENTER** to exit this menu option.

*Figure 101. Open a door via RAS*

Open Door  
Door No:

**Note:** Only doors that are programmed to be opened by your code can be opened using this option (i.e. the door group assigned to the user may not allow access to all doors).

## System menu option 23, Unlock, lock, disable and enable doors

Use this menu to unlock, lock, disable, and enable door numbers 17 to 64 controlled by a four-door DGP via the LCD arming station.

The door remains in the state selected until an opposite event occurs in the system that will change the state of that door.

*Example:* Door 21 automatically unlocks at 08:00 and relocks at 17:00, using an override time zone. If the user wants to arm the premises and leave at 16:00, the door can be locked using the lock option, but will still automatically unlock at 08:00 again the next morning.

### Unlock, lock, disable, or enable a door via the arming station

To unlock, lock, disable, or enable a door via the arming station, do the following:

1. Press **MENU\*** *Figure 1*), enter your user PIN code, and press **ENTER** *Figure 1*).
2. Enter **23** (for menu 23) and press **ENTER**. The keypad displays the opening screen (*Figure 102*).
3. Enter the door function option you want and press **ENTER**. The display shows the option selected (*Figure 103*).
4. Enter the door number and press **ENTER** to return to step 3.
5. Press **ENTER** to exit this menu option.

**Note:** Only doors programmed to be opened by your PIN code, can be operated using this menu.

Figure 102.Unlock, lock, disable, or enable a door

1-Unlock 2-Lock 3-Disable 4-Enable  
Option:

Figure 103.Enter door number

Unlock Door  
Door No:

## System menu option 24, Print history

Use this menu to instruct the control panel to print the complete system history from when the last print history command was issued. The maximum number of standard memory events is 200 or 2000 events with expanded memory.

### Print complete system history

To print a complete system history, do the following:

1. Press **MENU\*** *Figure 1*), enter your user PIN code, and press **ENTER** *Figure 1*).
2. Enter **24** (for menu 24) and press **ENTER**.
3. Enter the day of the month (2 digits) from which to start printing and press **ENTER** (*Figure 104*), or press **ENTER** to skip this field.

If 00 is entered as the day of the month, the printer will start printing from the last printed history.

4. Enter the new month (2 digits) from which to start printing and press **ENTER** (*Figure 105*), or press **ENTER** to skip this field.
5. Enter the year (2 digits) from which to start printing and press **ENTER** (*Figure 106*), or press **ENTER** to skip this field.
6. The printer now starts printing from the date specified.

**Note:** The Alliance system will not print if the printer is not ready.

Figure 104. Complete history entry screen, day

```
Print History Back To 00###/90
Enter Day:
```

Figure 105. Complete history entry screen, month

```
Print History Back To 00###/90
Enter Month:
```

Figure 106. Complete history entry screen, year

```
Print History Back To 00###/90
Enter Year:
```

## Programming records

Use the following tables to record details of data programmed for your systems:

- Users – System Menu 14
- Door Groups – System Menu 20
- Holidays – System Menu 21

It is recommended that you complete the tables in pencil so that corrections can be made to keep the records current and accurate. Make copies of programming record sheets that do not provide adequate space for the number of records needed.

## User Record – System Menu 14

[illegible]

## Door group record – system menu 20

Door Group Number \_\_\_\_\_

Door No. Time Zone		Door No. Time Zone		Door No. Time Zone		Door No. Time Zone	
1	_____	17	_____	33	_____	49	_____
2	_____	18	_____	34	_____	50	_____
3	_____	19	_____	35	_____	51	_____
4	_____	20	_____	36	_____	52	_____
5	_____	21	_____	37	_____	53	_____
6	_____	22	_____	38	_____	54	_____
7	_____	23	_____	39	_____	55	_____
8	_____	24	_____	40	_____	56	_____
9	_____	25	_____	41	_____	57	_____
10	_____	26	_____	42	_____	58	_____
11	_____	27	_____	43	_____	59	_____
12	_____	28	_____	44	_____	60	_____
13	_____	29	_____	45	_____	61	_____
14	_____	30	_____	46	_____	62	_____
15	_____	31	_____	47	_____	63	_____
16	_____	32	_____	48	_____	64	_____

Door Group Number \_\_\_\_\_

Door No. Time Zone		Door No. Time Zone		Door No. Time Zone		Door No. Time Zone	
1	_____	17	_____	33	_____	49	_____
2	_____	18	_____	34	_____	50	_____
3	_____	19	_____	35	_____	51	_____
4	_____	20	_____	36	_____	52	_____
5	_____	21	_____	37	_____	53	_____
6	_____	22	_____	38	_____	54	_____
7	_____	23	_____	39	_____	55	_____
8	_____	24	_____	40	_____	56	_____
9	_____	25	_____	41	_____	57	_____
10	_____	26	_____	42	_____	58	_____
11	_____	27	_____	43	_____	59	_____
12	_____	28	_____	44	_____	60	_____
13	_____	29	_____	45	_____	61	_____
14	_____	30	_____	46	_____	62	_____
15	_____	31	_____	47	_____	63	_____
16	_____	32	_____	48	_____	64	_____

Door Group Number \_\_\_\_\_

Door No. Time Zone		Door No. Time Zone		Door No. Time Zone		Door No. Time Zone	
1	_____	17	_____	33	_____	49	_____
2	_____	18	_____	34	_____	50	_____
3	_____	19	_____	35	_____	51	_____
4	_____	20	_____	36	_____	52	_____
5	_____	21	_____	37	_____	53	_____
6	_____	22	_____	38	_____	54	_____
7	_____	23	_____	39	_____	55	_____
8	_____	24	_____	40	_____	56	_____
9	_____	25	_____	41	_____	57	_____
10	_____	26	_____	42	_____	58	_____
11	_____	27	_____	43	_____	59	_____
12	_____	28	_____	44	_____	60	_____
13	_____	29	_____	45	_____	61	_____
14	_____	30	_____	46	_____	62	_____
15	_____	31	_____	47	_____	63	_____
16	_____	32	_____	48	_____	64	_____

Door Group Number \_\_\_\_\_

Door No. Time Zone		Door No. Time Zone		Door No. Time Zone		Door No. Time Zone	
1	_____	17	_____	33	_____	49	_____
2	_____	18	_____	34	_____	50	_____
3	_____	19	_____	35	_____	51	_____
4	_____	20	_____	36	_____	52	_____
5	_____	21	_____	37	_____	53	_____
6	_____	22	_____	38	_____	54	_____
7	_____	23	_____	39	_____	55	_____
8	_____	24	_____	40	_____	56	_____
9	_____	25	_____	41	_____	57	_____
10	_____	26	_____	42	_____	58	_____
11	_____	27	_____	43	_____	59	_____
12	_____	28	_____	44	_____	60	_____
13	_____	29	_____	45	_____	61	_____
14	_____	30	_____	46	_____	62	_____
15	_____	31	_____	47	_____	63	_____
16	_____	32	_____	48	_____	64	_____

## Holiday record – system menu 21

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

Holiday Number \_\_\_\_\_ Date \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year





# Glossary

The following are definitions of some of the terms and descriptions used in the Alliance keypad user manual.

Term	Definition
Access control	The control of entry to, or exit from, a security area.
Active	The zone input is activated (e.g. Emergency Exit Door open). (See Normal/Active/Tamper/Bypassed).
Alarm	The state of a security system when a device connected to a zone input is activated and the condition of the area is such that activation should be signaled (e.g. a door lock is broken, causing a siren to sound).
Alarm group	Alarm groups define the options available to users, arming stations or door reader to allow alarm control. Alarm groups are defined by a set of areas, alarm control functions and menu options. Zone types for area control (keyswitches) also make use of alarm groups.
Alarm group restriction	An alarm group restriction can be assigned to an alarm group to enable different types of user to: -Use timed disarm option for certain area(s) -Restrict alarm control to "Arm/reset only" on certain area(s) or -Use the "User Count" or "Emergency" function.
Alarm reporting	A procedure to transmit alarm events or other events to a central station by means of a dialer and a set of rules called a protocol.
Alarm control	The control over alarm functions.
Area	A section of a premise, which has specific security requirements. The Alliance system allows any premise to be divided into 16 areas of different security requirements. Each area has its own zone inputs. Each area is identified with a number and a name (e.g. Area 1 Office, Area 2 Workshop, Area 3 Boardroom, etc).
Armed	The condition of an area where a change in the status of any zone input (from normal to active) causes an alarm. An area or premise is only armed when it is unoccupied, although some zone inputs (vaults) can remain armed continually.
Burglar alarm	An alarm triggered by a security device, such as a PIR or door contact that indicates someone has entered without authorized access.
Bypassed	The zone input has been excluded from functioning as part of the system and does not indicate normal or active status. (See Normal/Active/Tamper/Bypassed)
Central station	A company that monitors whether an alarm has occurred in a security system. A central station is located away from the premise/area it monitors.
Control panel	An electronic device that is used to gather all data from zone inputs on the premises. Depending on programming and status of areas, it generates alarm signals. If required, alarms and other events will be reported to a central station.
Cursor	A flashing underline character on the liquid crystal display (LCD) that indicates where the next character entered on the keypad will appear.

Term	Definition
DGP	(Data Gathering Panel) A device that collects data from other security devices within an area, and transfers it to the main control panel or 4-door DGP.
Dialer	An electronic device that allows the system to transmit alarms and other events to a central station. It can also be used to perform up/download.
Disarmed	The condition of an occupied area when the security system has been set so that normal activity does not set off an alarm.
Door contact	A magnetic contact used to detect if a door or window is opened.
Door control	The control over door functions.
Door group	A feature that assigns a group of doors to a user, in order to allow the user access to those doors. Access to each door in a group can be restricted via a time zone.
Dual detector	A security device based on two techniques, such as PIR and RADAR or PIR and Ultrasonic, used to detect intruders in an area or premise.
Duress	When a user is being forced to breach the system security (e.g. forced at gunpoint to open the door), the duress feature allows the user to signal a central station by entering a duress digit in conjunction with a PIN code.
Engineer	Installer employee qualified to install and service the control panel.
Event flags	A signal activated by a zone input condition, area condition, system status or fault condition, door command (on doors 1 to 16), or shunt condition. The main purpose of an event flag is to activate an output.
History	A list of past alarm and access control events stored in memory that can be viewed on an LCD arming station or sent to a printer.
Hold-up	An alarm (silent) triggered by a hold-up button only sends a message to a central station.
Installer	A company that installs and services security equipment.
Keypad	A remote arming station (RAS) with keys to input data used to program the control panel, perform user functions, view alarms, etc.
Keyswitch	A device using a switch with a key to arm or disarm areas.
LCD	(Liquid Crystal Display) The part of a remote arming station (RAS) where messages are displayed.
LED	(Light Emitting Diode) A light indicator on an arming station, which conveys a condition (e.g. area in alarm, communication fault, etc).
Local alarm	An alarm that occurs in an occupied area and is signaled within a premise and not reported to a central station.
Logic equation	A logic expression that combines macro inputs in a specific manner. The result of a logic equation is called a macro output.
Macro input	An event flag or an output that is used in a logic equation. Each macro input is an event flag or output.
Macro logic program	A set of rules that is created by macro inputs, logic equations and macro outputs that is used to trigger event flags or zone inputs.
Macro output	A macro output holds the result of a logic equation. The macro output can have a timing element. Macro outputs trigger event flags or zone inputs.

Term	Definition
Normal/Active/Tamper/Bypassed	<p>Describes the condition of a zone input.</p> <p>Normal:The zone input is NOT activated (e.g. Emergency Exit Door closed).</p> <p>Active:The zone input is activated (e.g. Emergency Exit Door open).</p> <p>Tamper:The zone input is open or short-circuited. Someone may have tried to tamper the security device.</p> <p>Bypassed:The zone input has been excluded from functioning as part of the system and does not indicate normal or active status.</p>
On-line/off-line	Operational/non-operational. A device may be off-line due to a malfunction in the device itself or it may be disconnected from the control panel.
Output controller	A PCB module that connects to the control panel or a data-gathering panel (DGP) to provide relay or open collector outputs. When programming, 1 output controller equals 8 outputs.
PIN code	A 4 to 10-digit number given to, or selected by, a user. It is necessary to enter a PIN code on an Alliance keypad as a prerequisite to perform most functions. In programming, the PIN code is associated with a user number, which identifies the PIN code holder to the system.
PIR detector	(Passive Infrared) A security device used to detect intruders in a certain part of an area or premise based on infrared detection.
Poll	An inquiry message continually sent by the control panel to data gathering panels (DGP) and remote arming stations (RAS). Polling allows the remote unit to transfer data to the control panel.
RAS	(Remote Arming Station) A RAS is the user's control panel for security functions for areas or for access points (doors). The RAS can be a console (LCD keypad, reader) or any other device that can be used to perform security function, such as arm/disarm, open doors, etc.
Reader	A device used for access control that can read cards to allow access. Depending on the needs and the type of cards, the reader can be a magnetic swipe reader or a proximity reader.
RTE zone	(Request-to-Exit) A zone input that is programmed to activate a door event flag (e.g. a button provided inside a door to allow users to exit without using the door reader).
Shunt	A procedure that automatically stops a zone input from generating an alarm when it is activated (e.g. shunts stop a door from generating an alarm when opened for a short time).
Tamper	Tampers are situations where a zone input, arming station, control panel, DGP, or associated wiring are tampered with, or accidentally damaged. The tamper feature activates a signal when tampers occur.
Time zone	A program setting, which identifies specific time periods on specific days. Time zones are allocated to functions to control the activity of that function by time and day and are primary used to restrict access (e.g. automatically arm or disarm areas or open doors).
Up/Download	A protocol providing means to view the status of a system or change parameters in the system.
User	Anybody making use of the system. Users are identified to the system with a unique number that is associated with the user's PIN code.
Zone input	An electrical signal from a security device (PIR detector, door contact) to the system. Each device is identified with a zone input number and name (e.g. 14 Reception Hold-up Button, 6 Emergency Exit Door).

